

NOTES ON THE PERIODS OF EGG PRODUCTION OF SOME GROUND BEETLES¹

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In Quebec, the majority of Carabidae seem to breed in the spring and in the beginning of summer.

From June 15 to July 23, 1971, I collected by hand samples of female ground beetles in Saguenay County and in Schefferville, New Quebec, Quebec.

The following is a list of the captures with the localities, the dates and the number of gravid females of each species.

LIST OF SPECIES

Agonum mannerheimi Dejean

Chute-aux-Outardes: June 6, 1sp.

Amara torrida Panzer

Sept-Iles: July 19, 1sp.

Blethisa quadricollis Haldeman

Natashquan: June 28, 1sp.

Calathus ingratus Dejean

Blanc-Sablon: July 8, 1sp.

Carabus chamissonis Fischer

Blanc-Sablon: July 8, 1sp.

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- Cymindis unicolor* Kirby
Blanc-Sablon: July 8, lsp.
- Harpalus fulvilabris* Mannerheim
Port-Menier: July 8, lsp.; Sept-Iles: July 19, lsp.
- Harpalus laticeps* Leconte
Sept-Iles: July 19, lsp.
- Harpalus rufipes* Leconte
Port-Menier: July 13, lsp.; Rivière à l'Huile: July 14, lsp.
- Nebria gyllenhalii* Schönherr
Blanc-Sablon: July 4, lsp.; Chevery: June 30, 2sp.;
Schefferville: July 21, 9sp.
- Patrobis foveocollis* Eschscholtz
Blanc-Sablon: July 4, 2sp.; Schefferville: July 23, lsp.
- Patrobis stygicus* Chaudoir
Brador: July 7, lsp.; Harrington: July 1, 3sp.;
Natashquan: June 28, 2sp.; Port-Cartier: June 18, 3sp.;
Sept-Iles: July 19, 1sp.
- Pelophila borealis* Paykull
Brador: July 7, lsp.; Chevery: June 30, lsp.;
Harrington: July 1, lsp.; Lourdes-de-Blanc-Sablon: July 3, 6sp.
- Pterostichus adstrictus* Eschscholtz
Blanc-Sablon: July 4, 4sp.; and July 8, lsp.; Brador: July 9, 1sp.;
Chevery: June 30, lsp.; Harrington: July 1, 2sp.;
Havre-Saint-Pierre: June 20, lsp.; Moisie: June 19, lsp.;
Natashquan: June 26, lsp.; Port-Menier: July 12, 2sp.;
Rivière à la Patate: July 15, lsp.; Schefferville: July 21, 5sp.,
and July 23, 2sp.; Sept-Iles: July 19, lsp.; Tadoussac: June 14, 1sp.
- Pterostichus coracinus* Newman
Port-Menier: July 12, 2sp., and July 13, 2sp.;
Rivière Jupiter: July 7, lsp.; Rivière McDonald: July 15, 1sp.
- Pterostichus haematopus* Dejean
Lourdes-de-Blanc-Sablon: July 3, 1sp.
- Pterostichus lucublandus* Say
Rivière à l'Huile: July 14, 1sp.
- Pterostichus melanarius* Illiger
Port-Menier: July 13, 1sp.
- Pterostichus punctatissimus* Randall
Lourdes-de-Blanc-Sablon: July 3, 1sp.;
Rivière Jupiter: July 17, 1sp.; Schefferville: July 22, 1sp.
- Synuchus impunctatus* Say
Port-Menier: July 13, 1sp.

ABSTRACT. Gravid females of twenty species of ground beetles were collected by hand in June and July 1971, in Quebec. A. Larochelle, Bourget College, C.P. 1000, Rigaud, Quebec.

Descriptors: Coleoptera; Carabidae; Saguenay County and New Quebec, Quebec, Canada.